

# Meer



YG491  
USER MANUAL

# Meer

**Dear Valued Customer,**

Thank you for choosing our projector. We appreciate your trust in our brand and our commitment to delivering high-quality products.

We understand that setting up and operating a new device can sometimes be challenging, which is why we want you to know that we are here to support you. If you have any questions or concerns about your new projector, please do not hesitate to contact us at [market@meerdirect.com](mailto:market@meerdirect.com). Our customer service team is always ready to assist you and provide you with any support you may need.

We hope that the new projector brings you unlimited enjoyment and entertainment. If you have any feedback or suggestions on how we can improve our products or services, we would love to hear from you, too.

Thank you again for choosing our product.

**Yours Sincerely,  
Meer Customer Care Team**

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# TROUBLESHOOTING GUIDE

## 1 Can I directly use Netflix on the projector?

Yes, you can. The projector comes with pre-installed and officially-licensed Netflix/YouTube/prime video apps. You have the convenience of watching your favorite videos directly on the projector without any hassle.

## 2 Does the projector support auto focus?

Yes, it does. After you power on the projector, it will automatically adjust the image focus. In addition to that, when the projector detects shaking/rapid movement, it will be triggered to automatically perform auto focus adjustment or keystone correction.

## 3 Why doesn't the remote control work?

- \* Please make sure you have installed two AAA batteries in the remote control.
- \* Avoid mixing new batteries with old ones in the remote control as this can result in insufficient power supply and operational issues.
- \* When performing Bluetooth pairing, please follow the instructions provided. If you skip the Bluetooth pairing step, ensure that you point the remote control at the IR sensors on the projector when using.
- \* If you encounter persistent issues, please don't hesitate to contact us for a replacement. You can reach us by sending an email to [market@meerdirect.com](mailto:market@meerdirect.com).

## 4 What should I do if my projector has no audio?

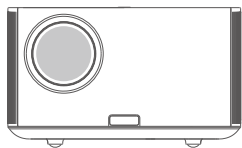
- \* Please make sure sound is not muted.
- \* Please try to turn up the volume by rotating the knob on the projector or pressing the volume+ button of remote control.
- \* Please check if the Dolby audio feature is enabled on the projector.

## 5 How do I switch to Bluetooth Speaker mode on YG491?

Step 1: Goto Homepage > My Apps > Bluetooth Music to make the projector ready for a Bluetooth connection.

Step 2: Access your mobile device's Bluetooth settings and activate Bluetooth, then search for **MEER\_PRJ** in the available devices list and pair your mobile device with the projector. And then, you can switch the projector to Rest Screen mode, and it becomes a speaker.

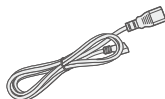
## IN THE BOX



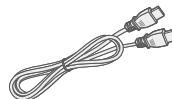
Projector



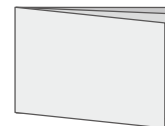
Remote  
(Batteries Not Included)



Power Cable



HDMI Cable

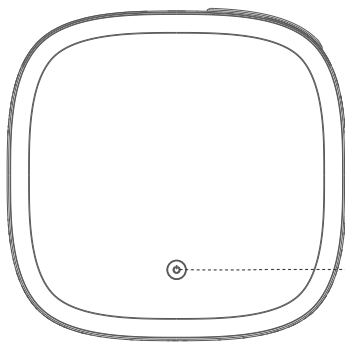


User Manual

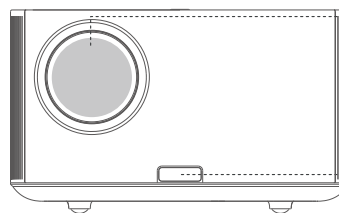
How to use the lens cap: please use the focus button on the remote control to adjust the lens to its innermost position. Only then can the lens cap be placed on.

## PROJECTOR OVERVIEW

### Projector

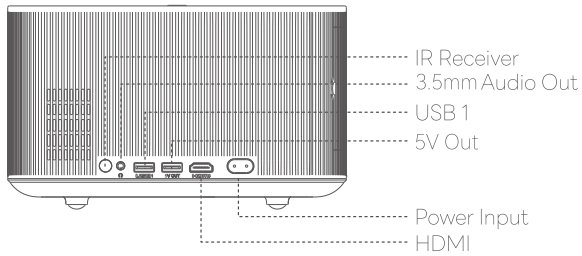


power button

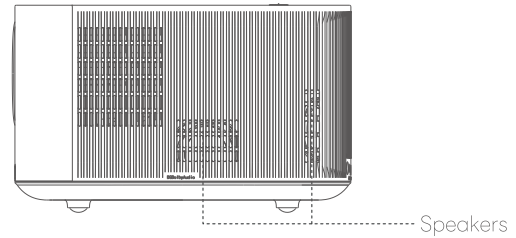
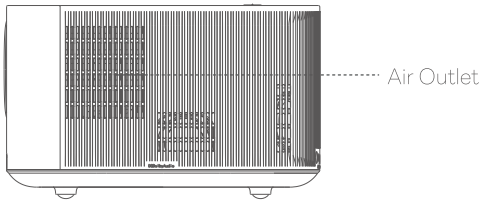


Lens

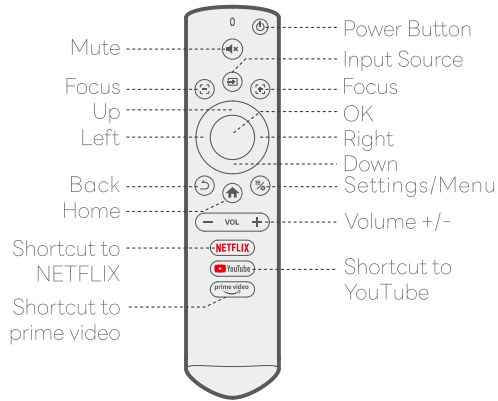
IR Receiver



**HDMI**® The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.



## Remote



### \* Power Button:

Press once: Turn on the projector. Press twice: Turn off the projector.

\* **Mute:** Silence the projector's audio.

\* **Input Source:** Press to access the input source page and select your preferred input source.

\* **Focus:** Press and hold these two buttons to make precise focus adjustment

\* **Left/Right/Up/Down:** Navigate menus or adjust the selected content.

\* **OK:** Confirm selection.

\* **Back:** Go back to the previous menu.

\* **Home:** Return to the homepage.

\* **Settings/Menu:** Press to access the setting page or open the menu.

\* **Volume+/-:** Increase/decrease the projector's volume.

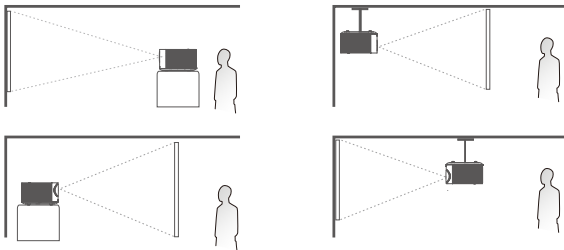
\* **Shortcut to NETFLIX:** Press to launch the NETFLIX app.

\* **Shortcut to YouTube:** Press to launch the YouTube app.

\* **Shortcut to prime video:** Press to launch the prime video app.

## QUICK START

### 1. Projector Installation



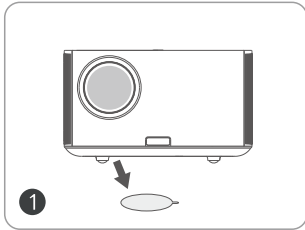
### Notes:

Whichever installation option you select, please make sure:

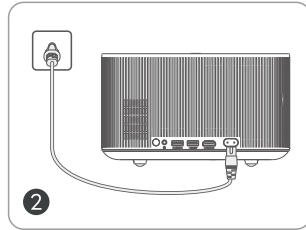
To go to **Homepage** > **Setting** (⚙️) > **Picture** > **Projection Mode** to select the corresponding projection mode, so the images can be projected correctly.

**Mounting Screw: 1/4"**

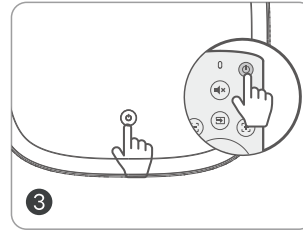
## 2. Power On/Off



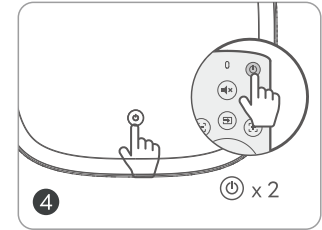
Take off the protective film.



Connect the power cable to an outlet.



Press the **power button** once to turn on the projector.



Press the **power button** twice to turn off the projector.

## 3. Remote Pairing and Setup Wizard

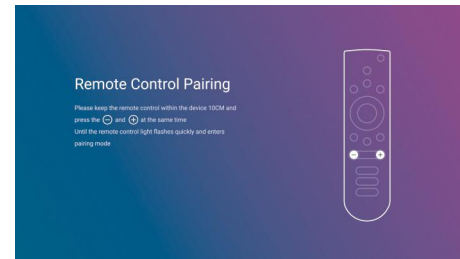
- The projector automatically adjusts image clarity and corrects image shape upon powering on.
- Afterward, follow the setup wizard to pair the remote with the projector, choose your preferred language, establish a WiFi connection, and access the homepage.

### Steps for Remote Pairing:

1. Hold the remote close to the projector.
2. Simultaneously press and hold the **Volume +** and **Volume -** buttons for approximately 10 seconds.
3. Once the LED indicator on the remote flashes quickly, the pairing is successful.

### Notes:

- \* Please ensure to install 2 pieces of AAA batteries in the remote first.
- \* If you skip the pairing steps, you can go to the homepage and select  to enter the pairing page again.

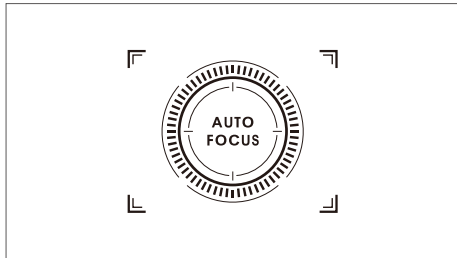


## 4. Images Adjustment

### Focus

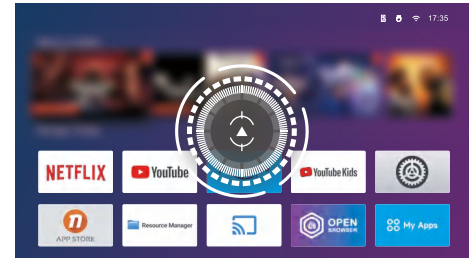
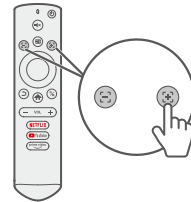
#### 1. Auto Focus

When the projector is powered on, it will automatically adjust the image quality.



#### 2. Electric/Manual Focus

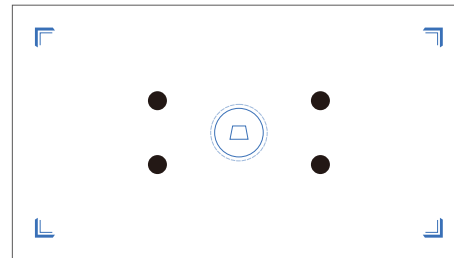
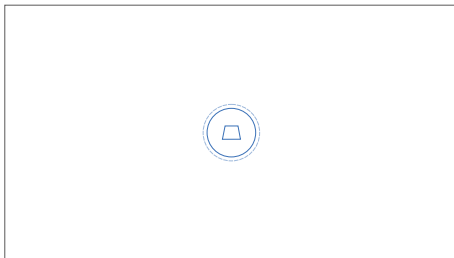
You can also press and hold the focus buttons on the remote to sharpen the image focus until the blurry image becomes clear.



### Keystone Correction

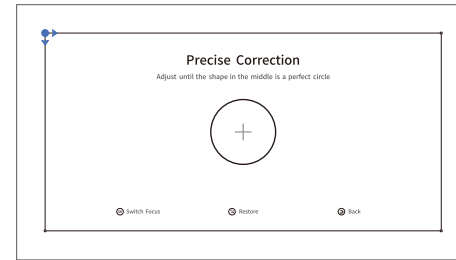
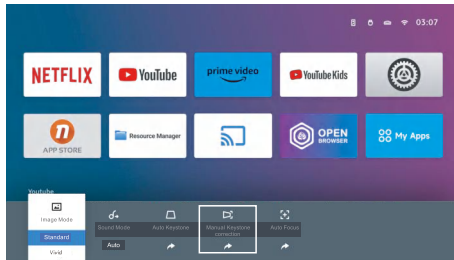
#### 1. Auto Keystone Correction

When the projector is powered on, it will automatically correct the keystone distortion.



## 2. Manual Keystone Correction

Press the button  on the remote, then select **Manual Keystone Correction** to manually correct the image shape by four points.

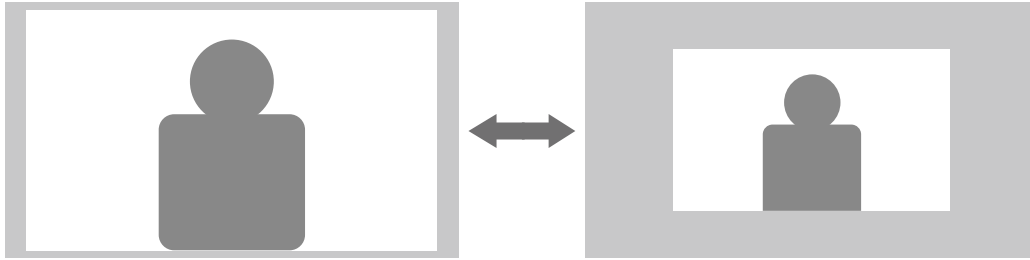


### Tip:

When the projector detects shaking/rapid movement, it will be triggered to automatically perform auto focus adjustment or keystone correction. If you find the image is not sufficiently clear or the image is not perfectly square, please use the focus buttons on the remote control to manually focus or utilize the four-point keystone correction to manually correct the image shape.

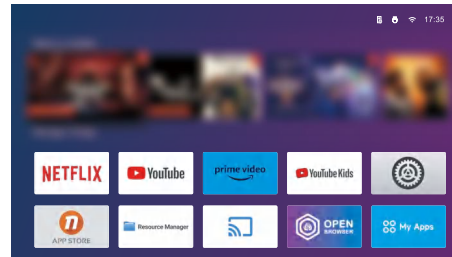
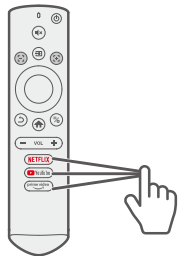
## Image Scaling

Go to  **Setting** > **Picture** > **Image Zoom** to reduce or enlarge the image size between 50% and 100%.



## 5. Play Contents from Officially Licensed Apps like Netflix, Prime Video and YouTube

Go to the **Homepage** and select your preferred platform via the shortcuts on the remote, then log in to your account to play the corresponding contents.

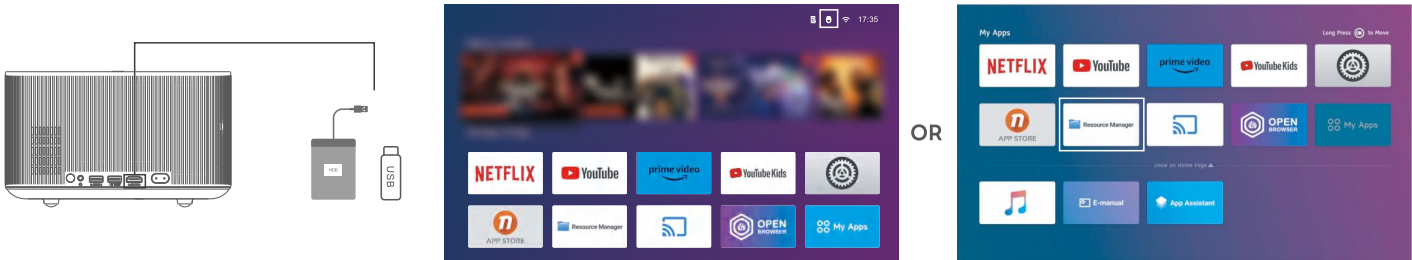


# PROJECTOR CONNECTION AND INPUT SOURCE

Connect your device to the projector correctly, then select the right input source.

## 1. USB Connection

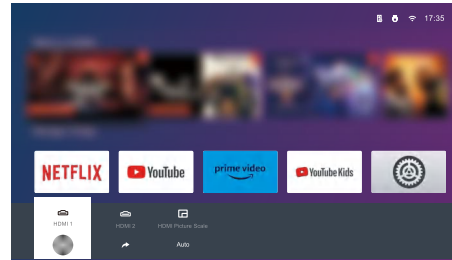
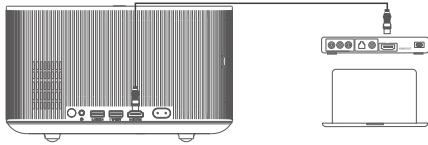
To play files stored on a USB disk, insert the disk into the projector and select the USB icon located on the upper right corner of the homepage. Alternatively, you can navigate to **Homepage > My Apps > Resource Manager** to locate and play the desired file directly.



|                        |                                             |
|------------------------|---------------------------------------------|
| Photo Format Supported | JPG/PNG/BMP/GIF/JPEG                        |
| Audio Format Supported | OGG/AAC/AC3/MP3/FLAC/M4A/WAV                |
| Video Format Supported | MKV/MP4/FLV/MOV/M2TS/AVI/3GP/TS/VOB/MPG/WMV |

## 2. HDMI Connection

To connect a device with an HDMI output port to the projector, use the provided HDMI cable to connect it to the projector's HDMI input port. Then, press the button  on the remote and select **HDMI** as the input source

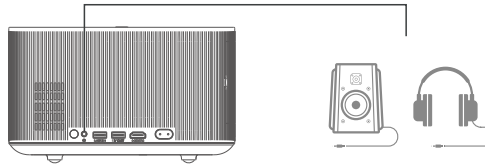


**Note:**

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### 3. Wired Speaker and Headphones Connection

This option is not required to select any input source.

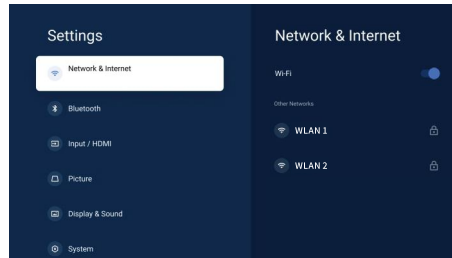


**Note:**

Dolby, Dolby Audio, and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.

# WIFI CONNECTION

You can connect your projector to your router's WiFi by accessing the setup wizard or clicking on the WiFi icon  on the homepage.



# SCREEN MIRRORING

## For Android System

To activate this function, please make sure your Android device supports **Multi-screen/Smart View/Wireless Display**. Names vary on different Android devices.

### Step 1:

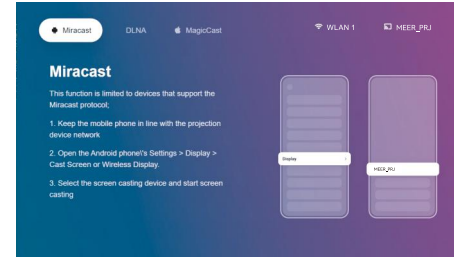
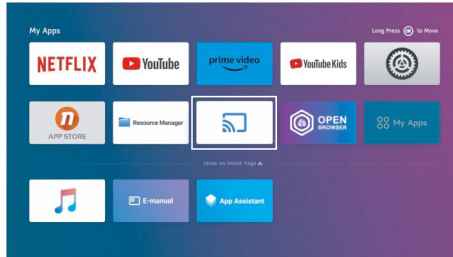
Go to the WiFi setting of your Android device to switch on the option of WiFi.

#### Note:

It is not necessary to have a successful WiFi connection, but it is important to ensure that the WiFi is turned on in your Android device.

### Step 2:

Go to **Homepage > My Apps > ScreenCast Assistant** or go to **Setting**  **> General & Privacy > Miracast Screen** then enter the interface below.



### Step 3:

Activate the **Multi-screen/Smart View/Wireless Display** function on your Android device and search for the projector.

### Step 4:

Choose **MEER\_PRJ** from the list, and once the connection is successful, the content on your Android device will be mirrored onto the projection screen or wall.

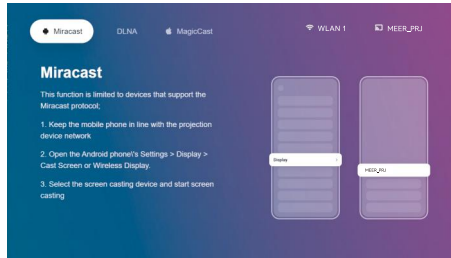
## DLNA

### Step 1:

Connect the projector and your mobile device to the same router's WiFi.

### Step 2:

Go to **Homepage > My Apps > ScreenCast Assistant** and then select **DLNA** to access the following page.



### Step 3:

Launch a video player App on your mobile device and select a video to play.

### Step 4:

Tap  to search for the projector and select **MEER\_PRJ** to connect. The contents on your device will be cast to the wall/screen.

#### Note:

When you cast a video from your mobile device, the video will only be displayed on the projected screen and you can still use your mobile device without interrupting the video or showing any of your other content.

## For iOS System

### Step 1:

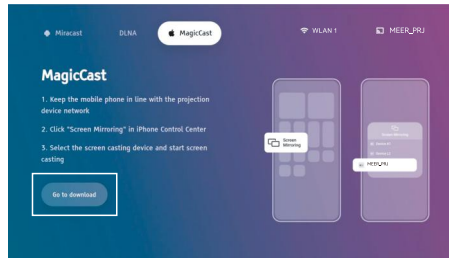
Connect the projector and your mobile device to the same router's WiFi or directly connect your mobile device to the projector's AP hotspot.

#### Tip:

When you are using the projector's AP hotspot, the content will be mirrored using cellular data.

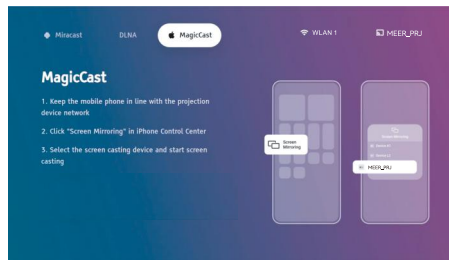
### Step 2:

Go to **Homepage** > **My Apps** > **ScreenCast Assistant** and then select **MagicCast** to access the following page. Next, select **Go to download** to download and install the **MagicCast** App.



### Step 3:

Launch the **Magic Cast** App and remain on the following page.

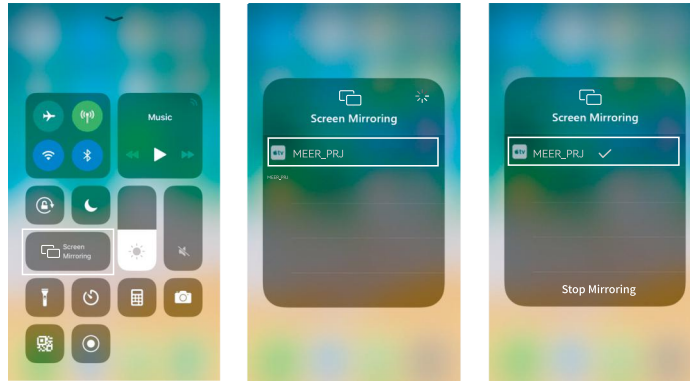


### Step 4:

Go to the **Control Center** of your iOS device, then tap **Screen Mirroring/Air Playing** to search for the projector.

**Step 5:**

Choose **MEER\_PRJ** from the list, and once the connection is successful, the content on your iOS device will be mirrored onto the projection screen or wall.



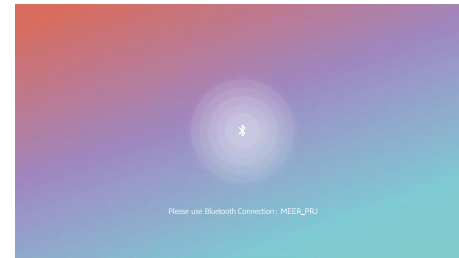
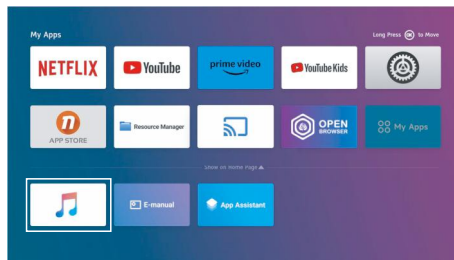
# BLUETOOTH CONNECTION

## 1. Use as A Bluetooth Speaker

It is possible to use this projector as a Bluetooth speaker by connecting your mobile device to it through a Bluetooth connection.

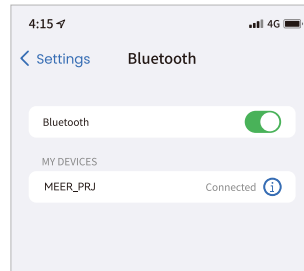
### Step 1

Go to **Homepage > My Apps > Bluetooth Music** to make the projector ready for a Bluetooth connection.



### Step 3:

Access your mobile device's Bluetooth settings and activate Bluetooth. Search for **MEER\_PRJ** in the available devices list to pair your mobile device with the projector.



#### Tip:

Press  or  on the remote to exit Bluetooth Speaker mode.

## 2. Connect to An External Bluetooth Speaker

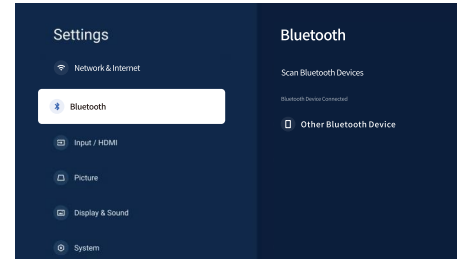
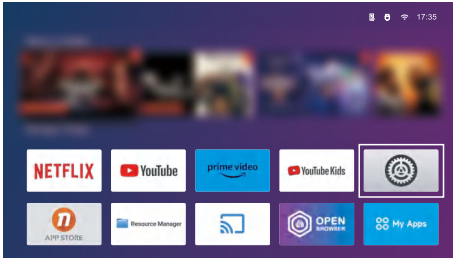
In addition to using the wired 3.5mm audio output port, you can also connect Bluetooth speakers or Bluetooth Headphones to this projector via a Bluetooth connection.

### Step 1:

Turn on your Bluetooth device and make it ready for a Bluetooth connection.

### Step 2:

Go to **Homepage > Setting > Bluetooth** to scan available Bluetooth devices, then select your Bluetooth device and pair it with the projector.



### IMPORTANT:

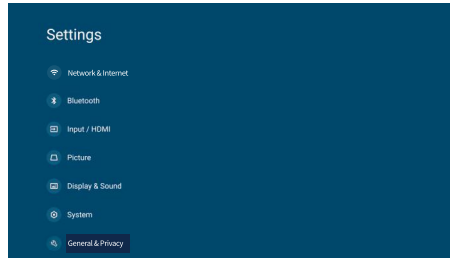
- 1 Compared with the wired connection to a speaker, a Bluetooth connection spends more time processing digital audio data, converting said data to an audio signal, and streaming the signal. There may be a delay or slight lag on audio due to signal interference.

As a result, the sound on the speaker may not be in sync with the image on the projector, especially when you are using wireless screen mirroring with WiFi and Bluetooth connection at the same time.

**If you are experiencing this situation, please check the following options to improve audio quality:**

- \* Instead of using wireless screen mirroring and Bluetooth connection at the same time, we recommend using an HDMI connection via the provided HDMI cable and Bluetooth connection simultaneously. If you still want to use wireless screen mirroring, it is recommended to output the audio via a wired speaker.
  - \* Move your Bluetooth device closer to the projector.
  - \* Keep the projector and your Bluetooth speaker away from other Bluetooth devices to avoid interference.
  - \* You may be able to adjust the latency(Lip Sync) on your device which is playing the video. The way to adjust the latency varies with different devices; please consult with the device manufacturer.
- 2 Due to the compatibility issue between Bluetooth speakers/headphones and the projector, few Bluetooth devices may not be paired with the projector via the Bluetooth connection. Please contact us at [market@meerdirect.com](mailto:market@meerdirect.com) for further assistance.

# SETTING



## Network & Internet

Connect the projector to a working WiFi network.

## Bluetooth

Connect the projector to an external Bluetooth speaker.

## Input/HDMI

1. Choose the default input source once the projector is powered on.
2. Adjust the image aspect ratio when using the HDMI input source, and more.

## Picture

1. Correct the Keystone and adjust the focus manually or automatically.
2. Image Size: Modify the image size between 50% and 100%.
3. Projection Mode: Select the appropriate projection mode to ensure accurate image projection.

## Display & Sound

1. Adjust the image color preferences such as **color temperature**, **contrast**, etc, and set sound preferences such as **vivid**, **movie**, etc. based on the content being projected.
2. Choose the correct sound output based on the connected device.
3. Enable or disable key tones, etc.

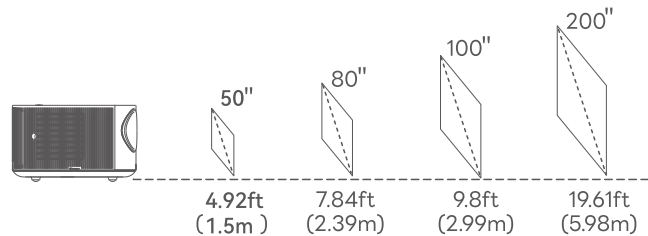
## System

1. Set the projector's language.
2. Adjust the date and time settings.
3. Update the software as needed.
4. Restore the projector to the factory settings.

## General & Privacy

1. Rename the projector.
2. Set the screen to automatically turn off at a specific time.
3. Enable screen mirroring for Android devices and manage other privacy-related settings.

# PROJECTION DISTANCE AND SIZE



\* The recommended projection distance varies with different projection contents. Please adjust the distance between the wall/screen and the projector as needed.

\* Ambient darkness will improve the clarity of the projected images.

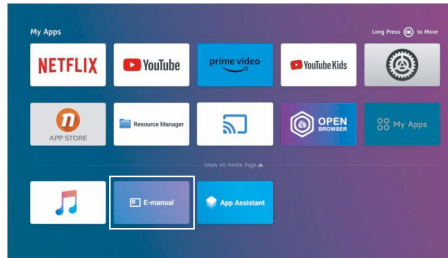
# E-MANUAL

To access the online user manual for future reference, follow these steps:

Step 1: Go to the homepage.

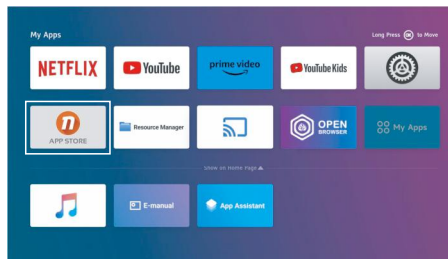
Step 2: Navigate to My Apps.

Step 3: Click on the E-manual option.

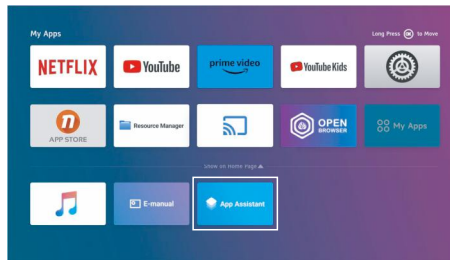



# EXPLANATION OF APPS

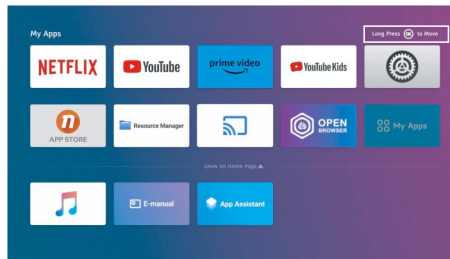
1. You can't download the apps on the APP STORE platform, but you can log into your account to watch the contents directly.



2. You can download the apps in the **App Assistant** and log into your account to watch the contents directly.



3. Once you're on the **My Apps** page, you can press and hold the OK button, then use the buttons  to move the app and set up your favorite apps.



# SPECIFICATIONS

|                        |                                        |                        |                                             |
|------------------------|----------------------------------------|------------------------|---------------------------------------------|
| RAM                    | 1GB                                    | EMMC                   | 8GB                                         |
| Display Technology     | LCD                                    | Light Source           | LED                                         |
| Resolution             | Native 1920×1080P                      | Input Signal           | 576i/576P/720i/720P/1080i/1080P/4K          |
| Aspect Ratio           | 4:3/16:9/Auto                          | Focus                  | Auto and Electric/Manual                    |
| Keystone Correction    | Auto and 6D Keystone Correction        | Installation Options   | Front/Rear/Ceiling                          |
| Power Supply           | AC 100-240V, 50/60Hz, 2A               | Unit Dimension         | 8.8x8.6x5.3 inches(224x220x135mm)           |
| Unit Net Weight        | 4.4lb(2kg)                             | Photo Format Supported | JPG/PNG/BMP/GIF/JPEG                        |
| Audio Format Supported | OGG/AAC/AC3/MP3/FLAC/M4A/WAV           | Video Format Supported | MKV/MP4/FLV/MOV/M2TS/AVI/3GP/TS/VOB/MPG/WMV |
| Ports                  | HDMI*1/USB Port*1/Audio Out*1/5V Out*1 | Mounting Screw         | 1/4"                                        |
| Contrast Ratio:        | 2000: 1                                |                        |                                             |

## FCC Statement

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## ISED Warning

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device is compliance with RF exposure guidelines, users can obtain Canadian information on RF exposure and compliance. The minimum distance from body to use the device is 20cm.

L'appareil est conforme aux directives d'exposition aux RF, les utilisateurs peuvent obtenir des informations canadiennes sur l'exposition aux RF et la conformité. La distance minimale du corps pour utiliser l'appareil est de 20cm.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. Cet émetteur ne doit pas être colocalisé ou fonctionner en conjonction avec une autre antenne ou un autre émetteur.

Operation of this device in the band 5150-5250 MHz is restricted to indoor use only. Le fonctionnement de cet appareil dans la bande 5150-5250 MHz est limité à une utilisation en intérieur uniquement.